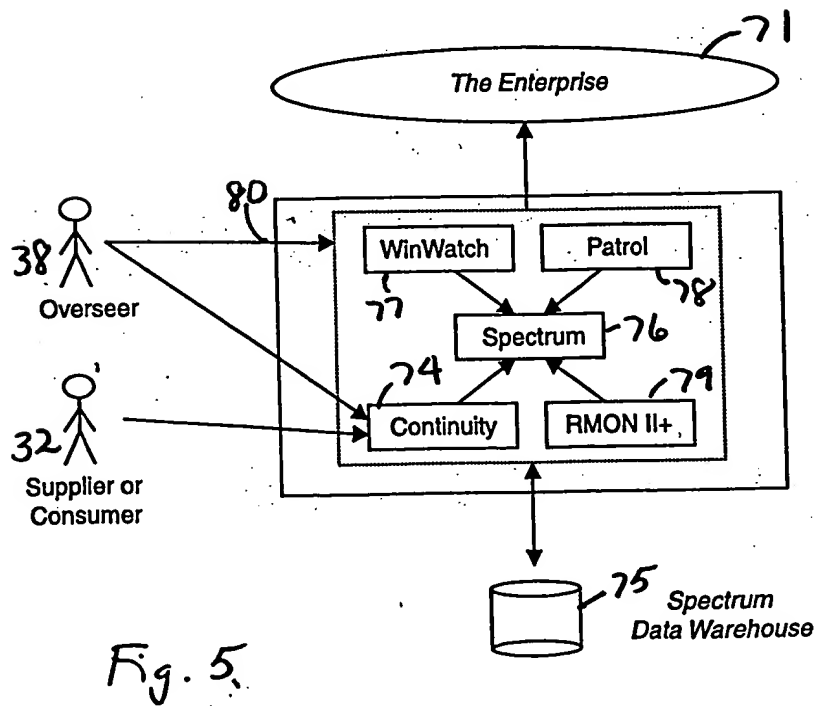
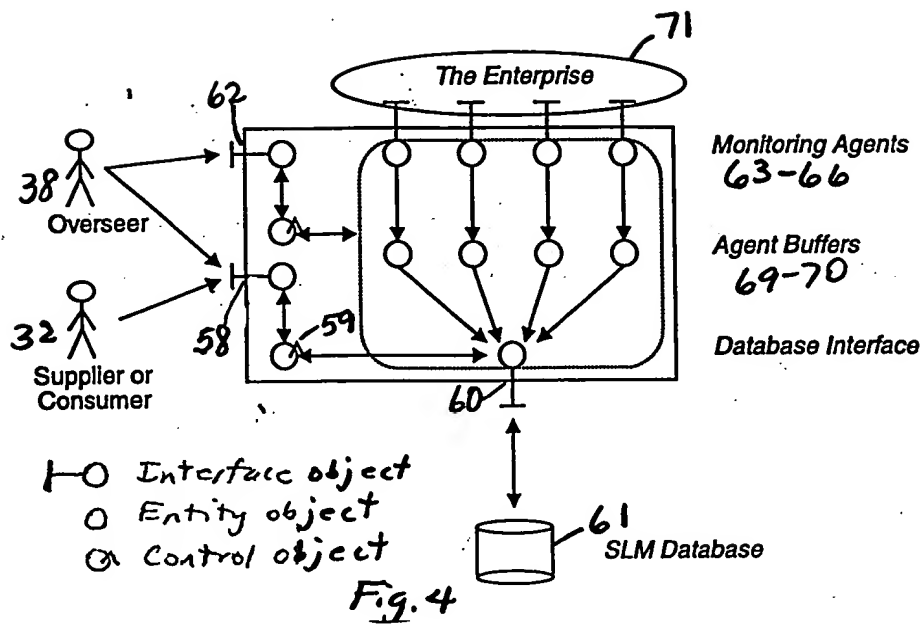


Fig. 3



```
graph TD; 82[Monitoring Subsystem] --> 83[Reporting Subsystem]; 82 --> 84[Alarm Management Subsystem]; 82 --> 85[User Interface Subsystem]; 83 --> 85; 84 --> 85;
```

The diagram illustrates the architecture of the alarm management system, showing the flow of information between four main components:

- Monitoring Subsystem (82)**: The central component at the top, which receives data from the sensors and initiates the alarm process.
- Reporting Subsystem (83)**: Receives data from the Monitoring Subsystem and provides a detailed report to the User Interface Subsystem.
- Alarm Management Subsystem (84)**: Receives data from the Monitoring Subsystem and manages the alarm, providing status information to the User Interface Subsystem.
- User Interface Subsystem (85)**: The final component at the bottom, which receives information from all three subsystems (Monitoring, Reporting, and Alarm Management) to present the alarm status to the operator.

Fig. 6

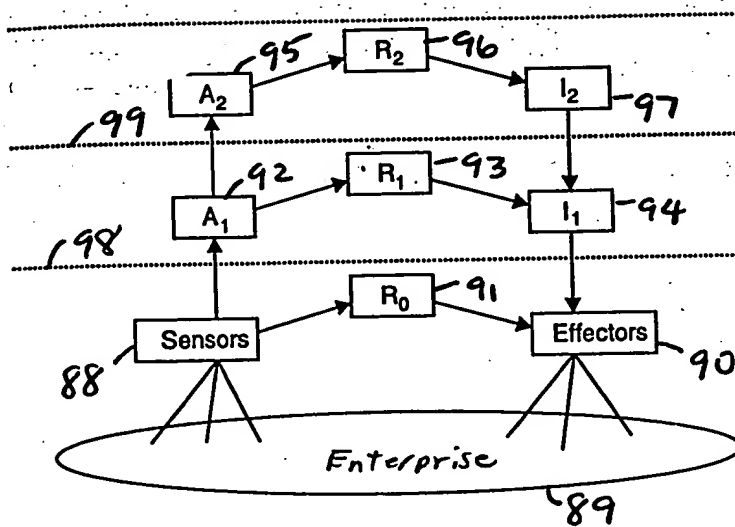


Fig. 7

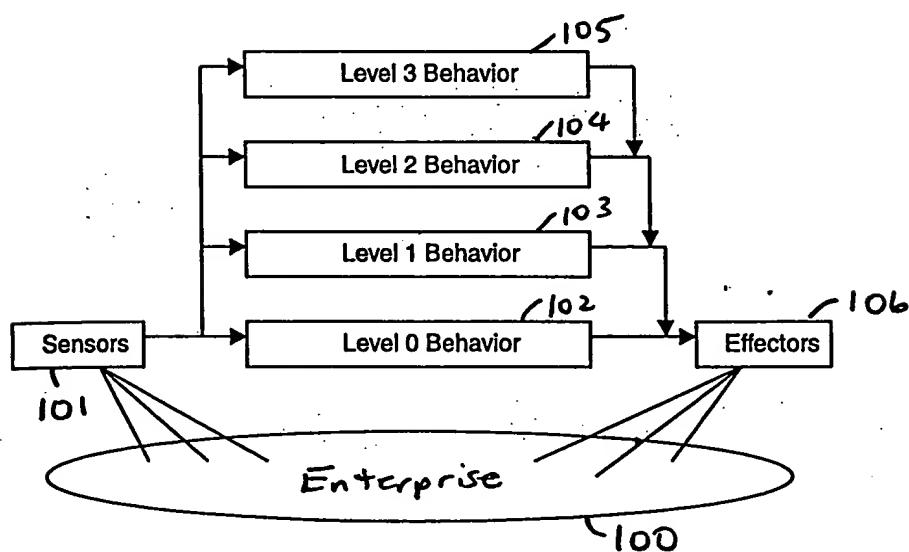


Fig. 8

Level 2 Abstraction,
Reasoning, Instruction

Level 1 Abstraction,
Reasoning, Instruction

Level 0 Abstraction,
Reasoning,
Instruction

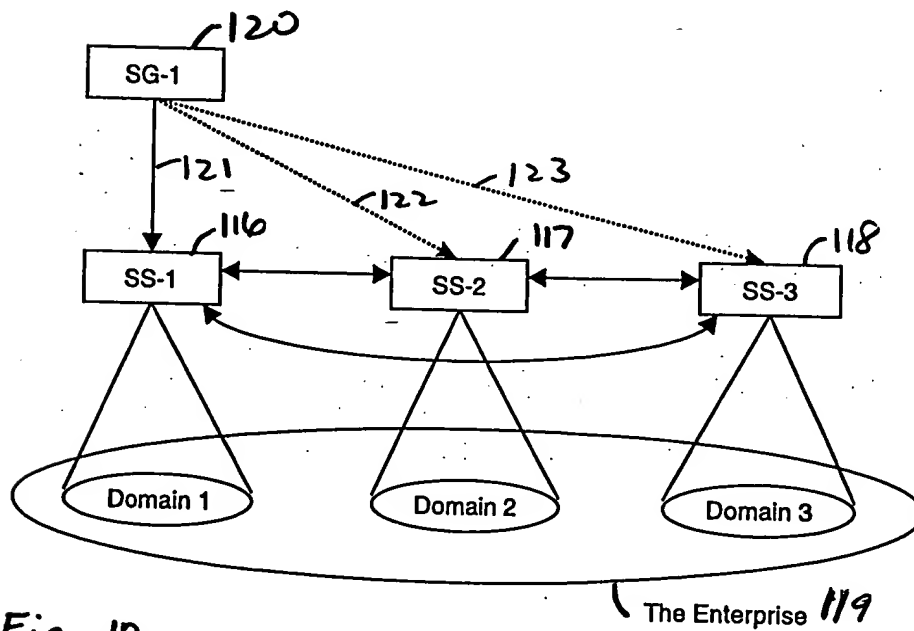
Monitoring

Auto
Control

Human
Control

Fig. 9

The Enterprise 114



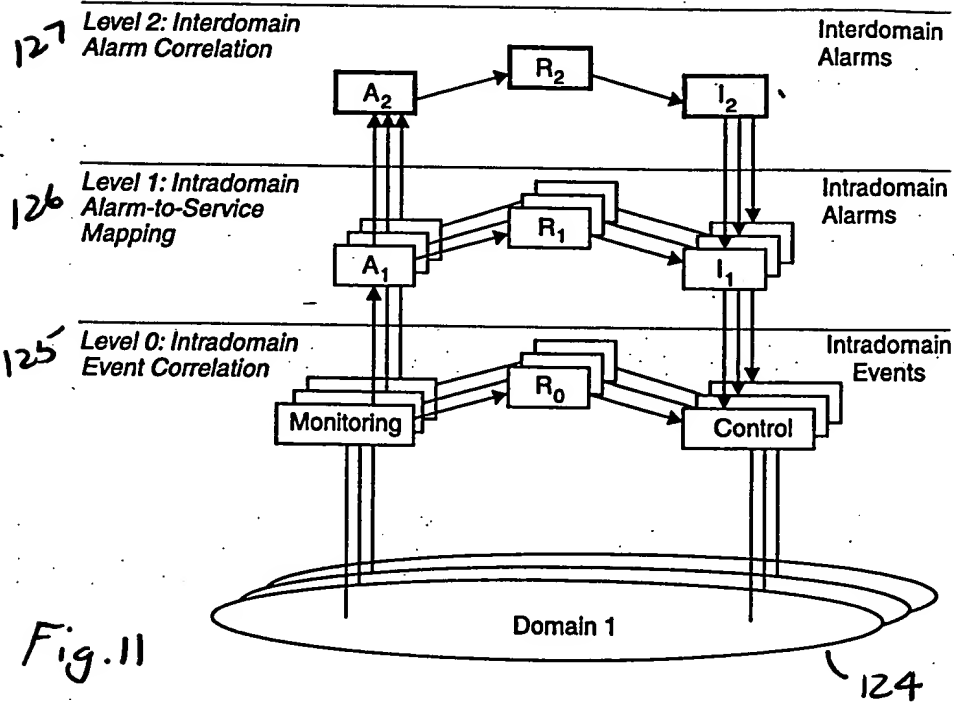


Fig. 11

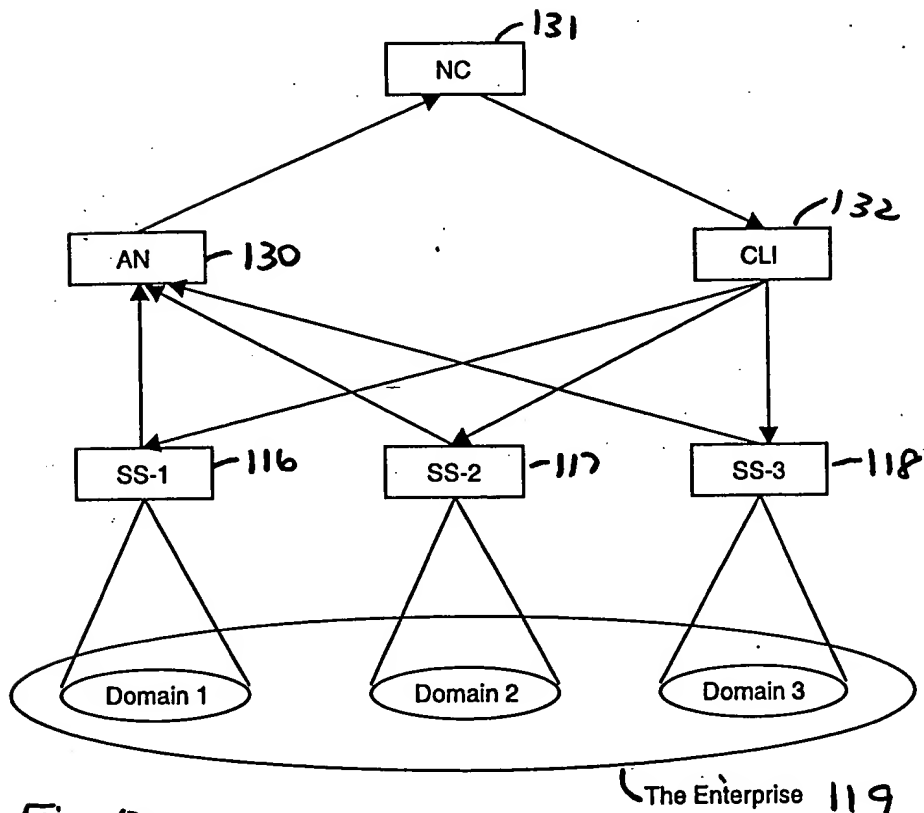


Fig. 12

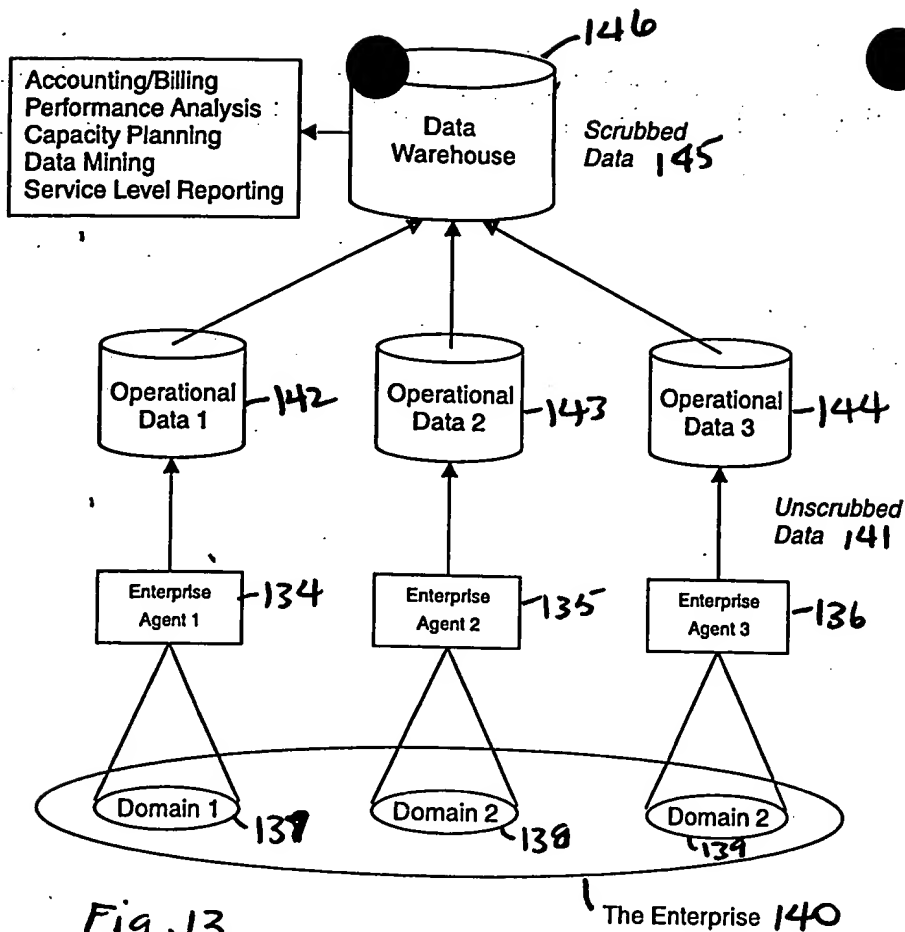


Fig. 13

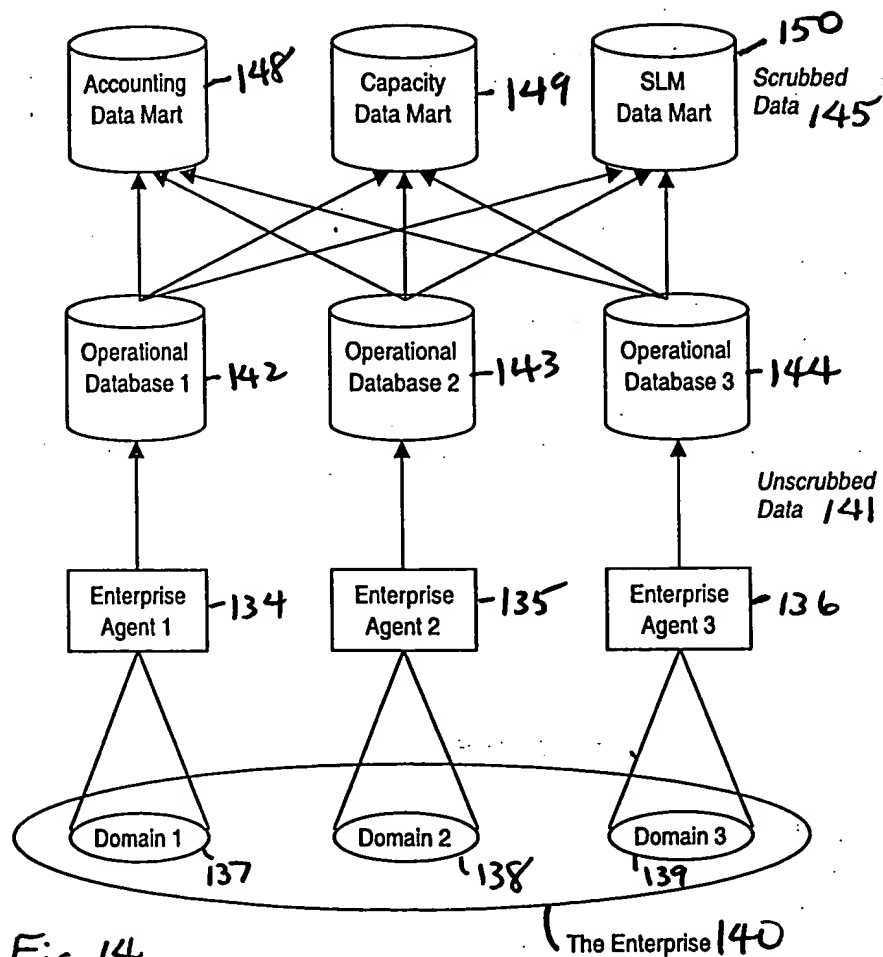


Fig. 14

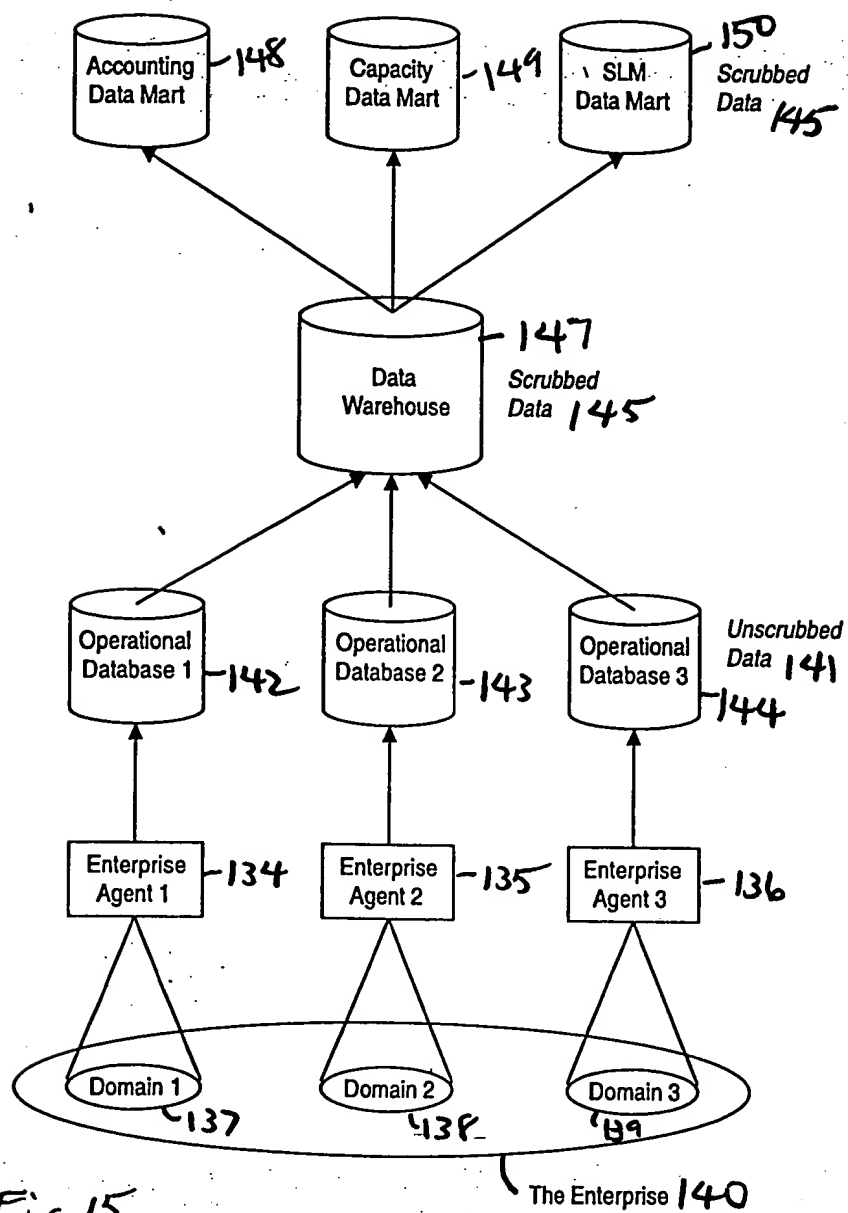


Fig. 15

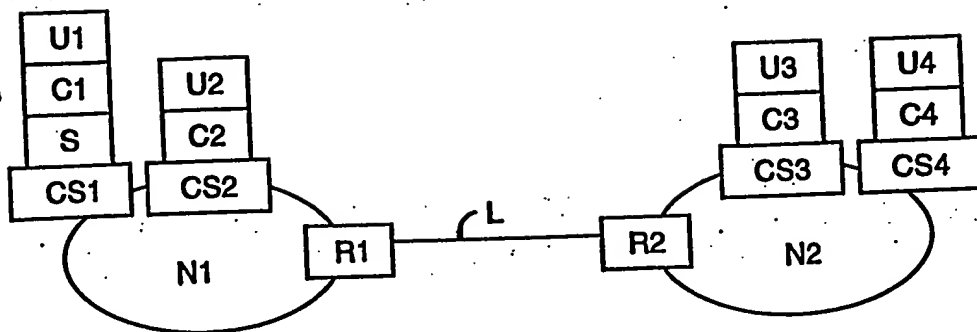


Figure 5.1,

Fig. 16

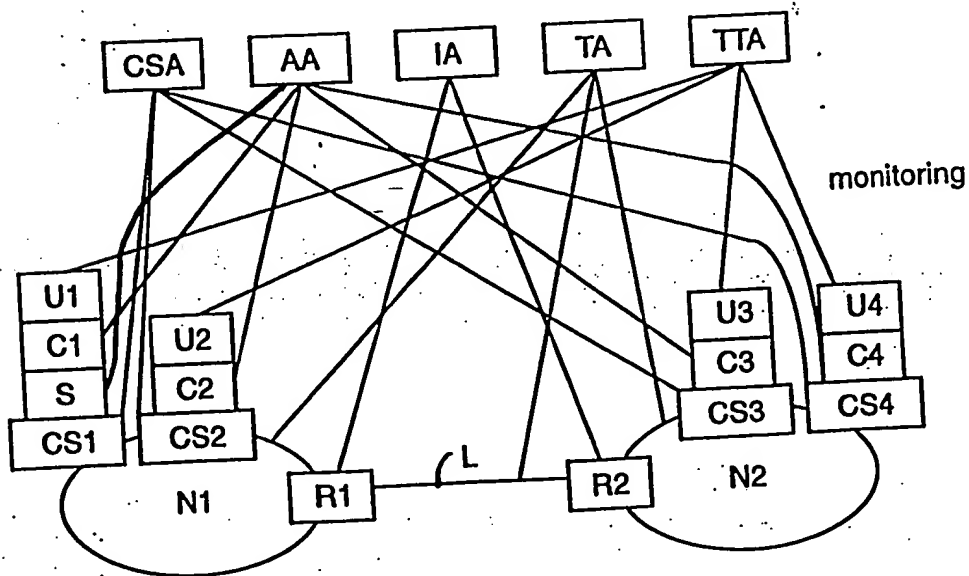


Figure 5.2

Fig. 17

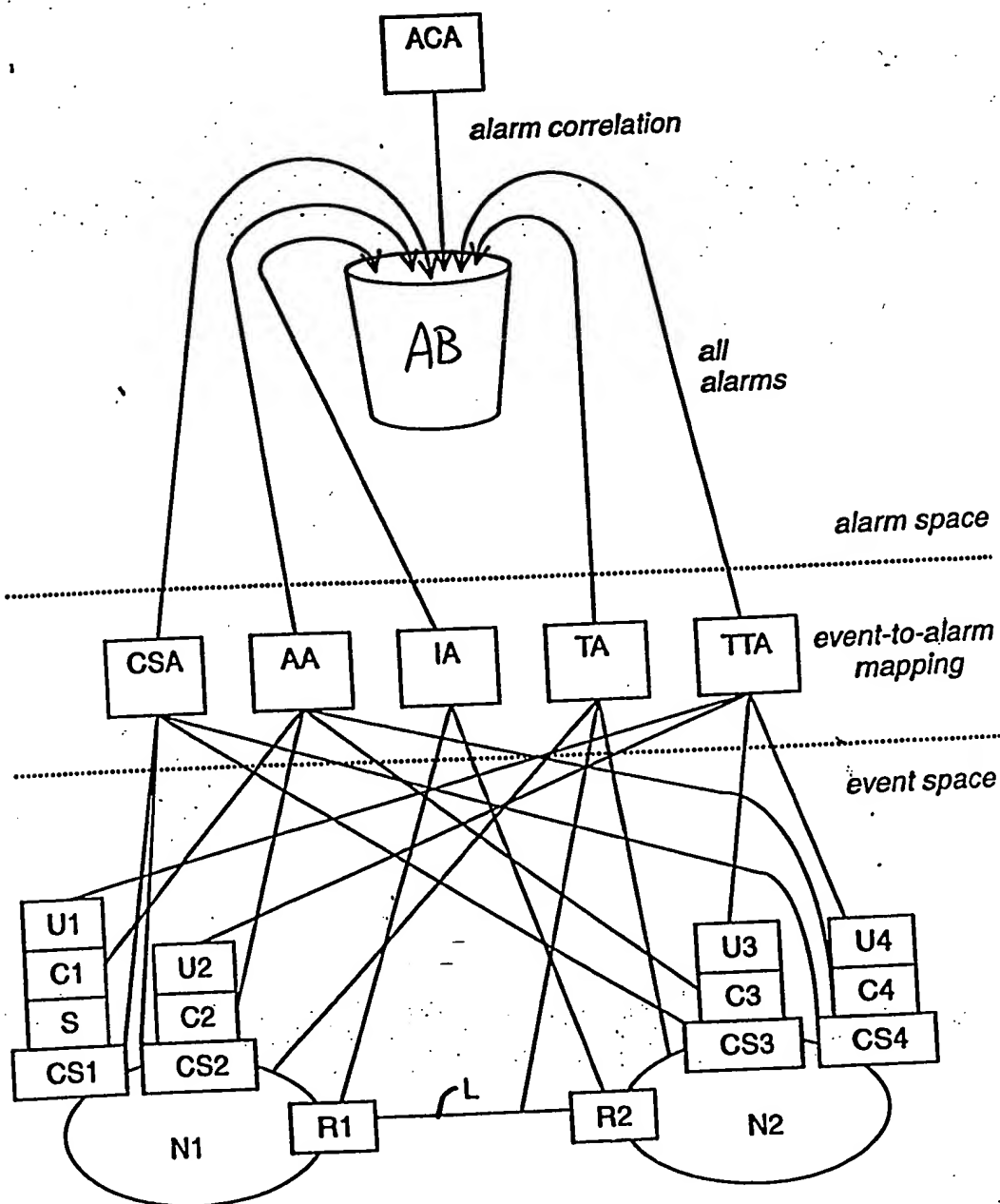


Figure 5.5

Fig. 18

Fig. 19

Detect events in ~ 160
the network

↓
For each aspect of network ~ 161
operation, map event(s) to
alarm(s)

↓
Output alarms to ~ 162
alarm bucket

↓
Correlate/Evaluate alarms to ~ 163
determine network operation
status

↓
Report Network operation ~ 164
status

↓
Identify corrective actions ~ 165
necessary for desired operation of
network

↓
Implement corrective ~ 166
actions or report identified
corrective actions

Fig. 20

Detect events for ~167
a specific aspect of network
operation



Map detected events ~168
to an alarm or alarms



Output alarm or ~169
alarms

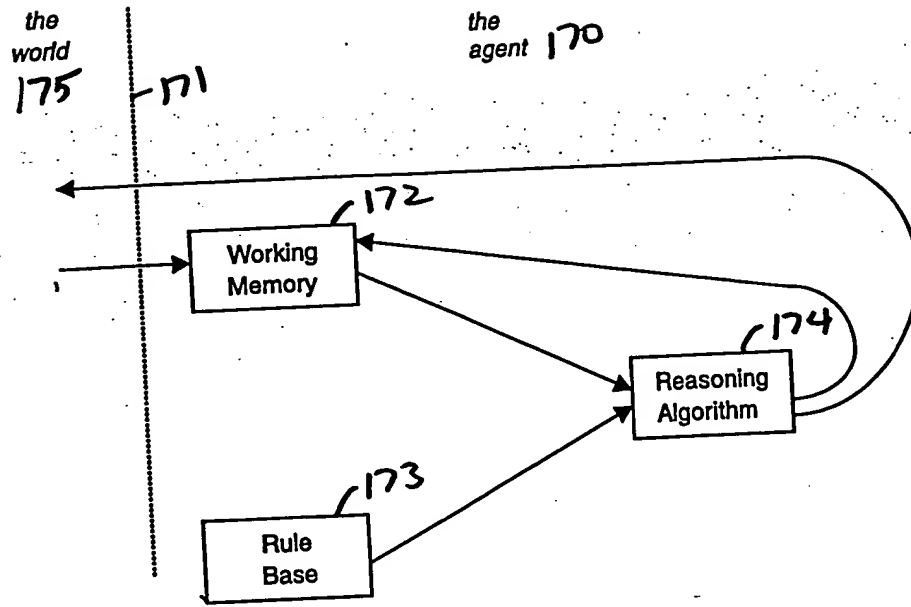


Fig. 21

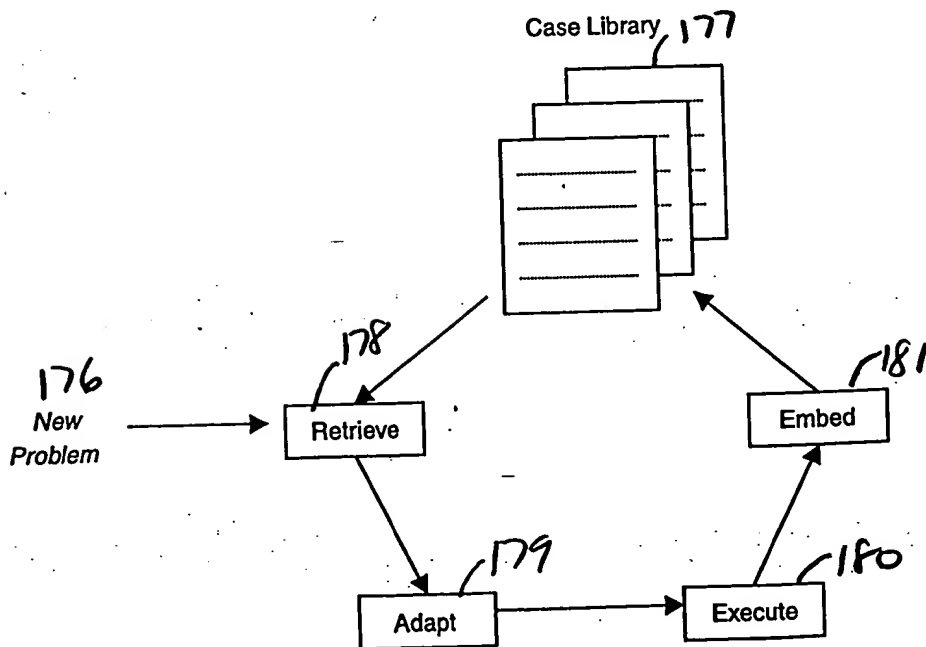


Fig. 22

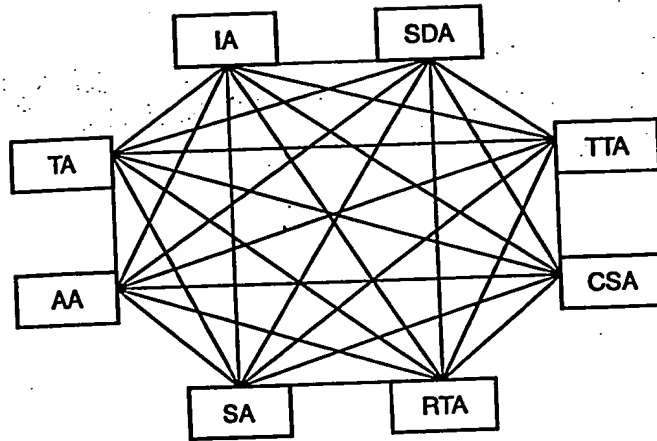


Fig. 23

190

Friday January 5 2001 -191			
	Service 1	Service 2	Service 3
Seattle			
Bldg 1	Up	Up	Down, up at 12 PM
Bldg 2	Down 8-10 PM	Down 8-10 PM	Down 8-10PM
Bldg 3	Up (Slow)	Up	Up
Sydney			
Bldg 1	Up	Up	Down, up ?
Bldg 2	Up	Up (slow)	Up
.			
.			
.			

Fig. 24

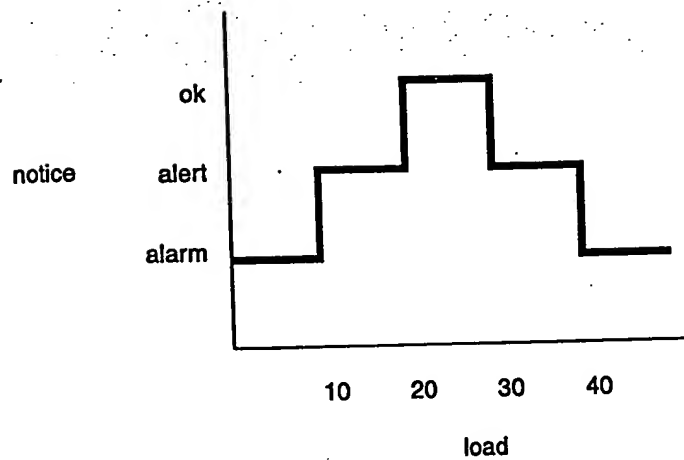


Fig. 25

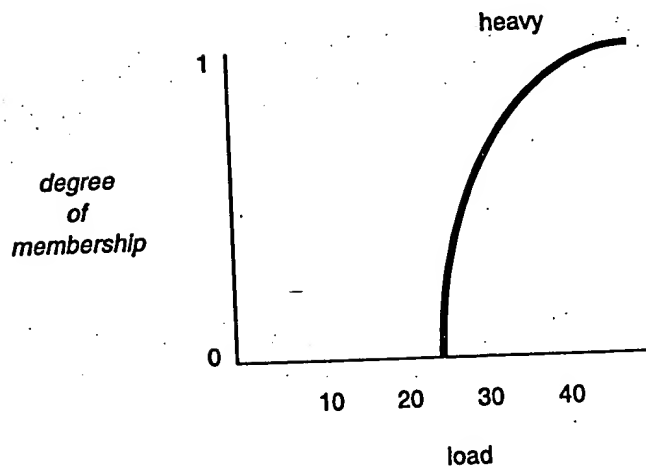


Fig. 26

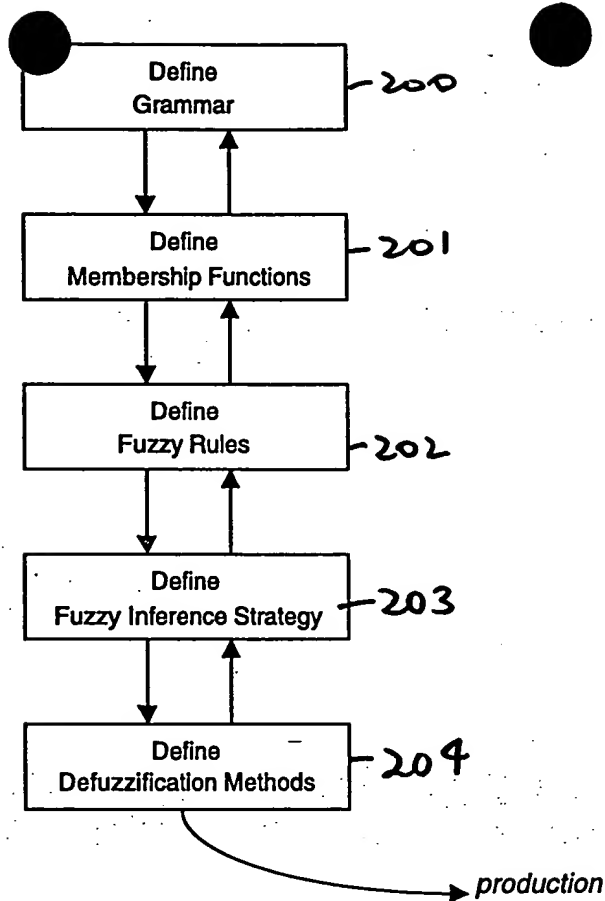


Fig. 27

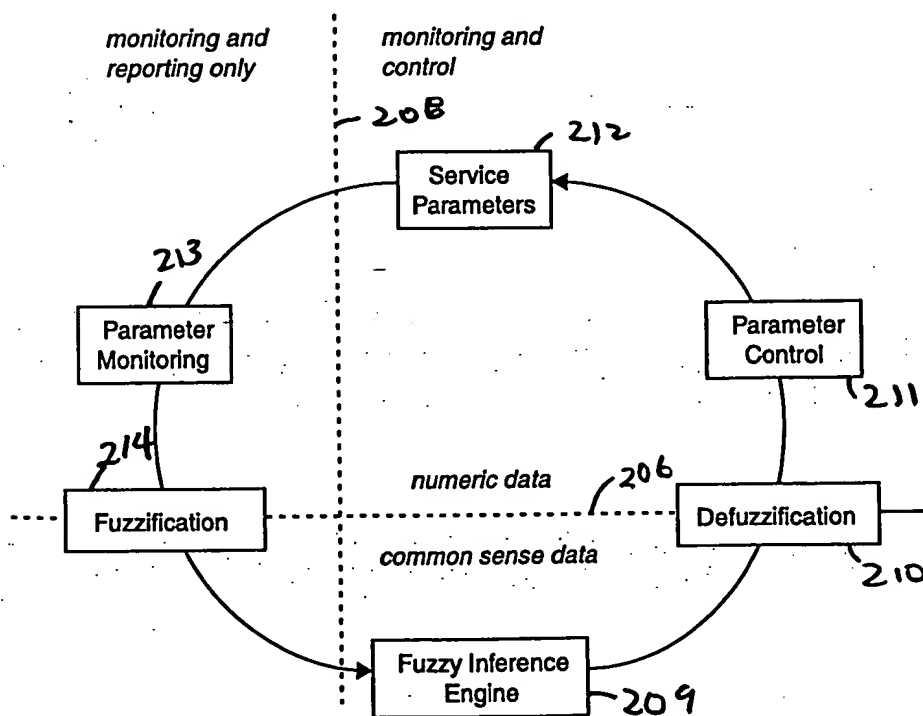


Fig. 28

possible influences on SP ²²⁵

²²⁴ target

	P1	P2	P3	P4	P5	...	PN	SP
t1	---	---	---	---	---	---	---	---
t2	---	---	---	---	---	---	---	---
t3	---	---	---	---	---	---	---	---
t4	---	---	---	---	---	---	---	---
t5	---	---	---	---	---	---	---	---
t6	---	---	---	---	---	---	---	---
.								
.								
.								

²²²

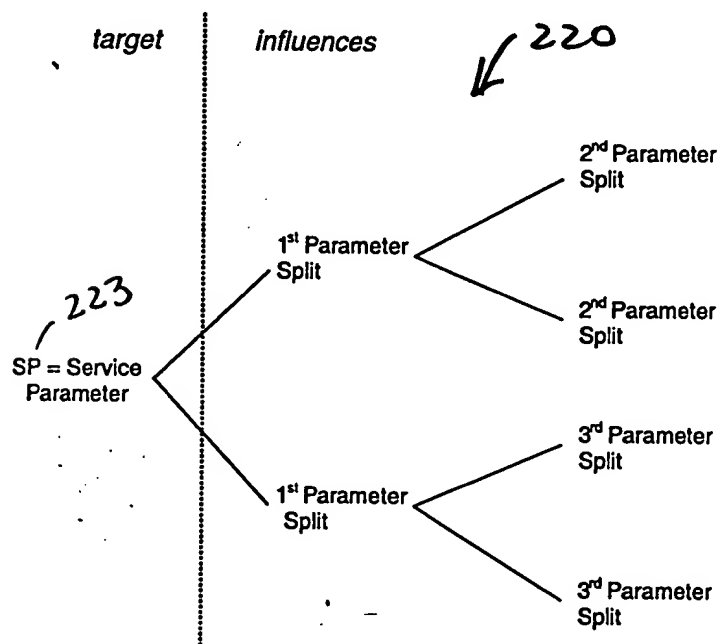


Fig. 29

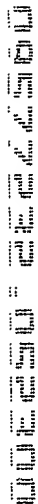
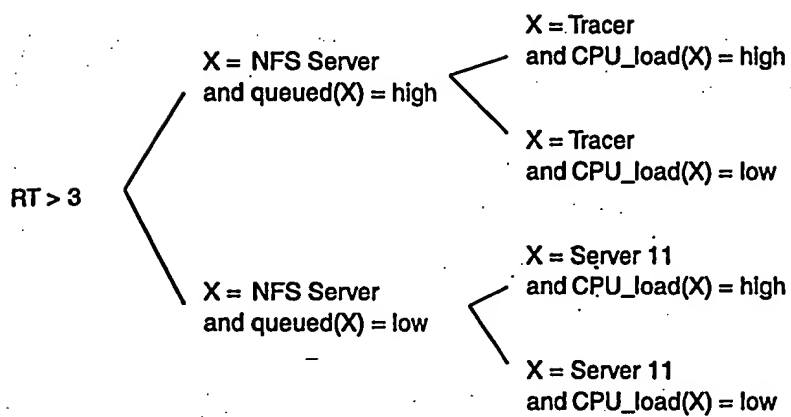


Fig. 31



230

Service Agreement with XYZ Server Farm						
Name						
Address						
Phone						
Email						
Policies						
Availability	___ (select 90 – 100 %)				\$___	
Response Time	___ (select 2 – 5 sec)				\$___	
Security	___ (select high- med-low)				\$___	
Integrity	___ (select high- med-low)				\$___	
					Total: \$___	
Go Back		(Month)			Go Forward	
Default: Availability ___ Response time ___ Security ___ Integrity___						
Send			Cancel			

Fig. 32

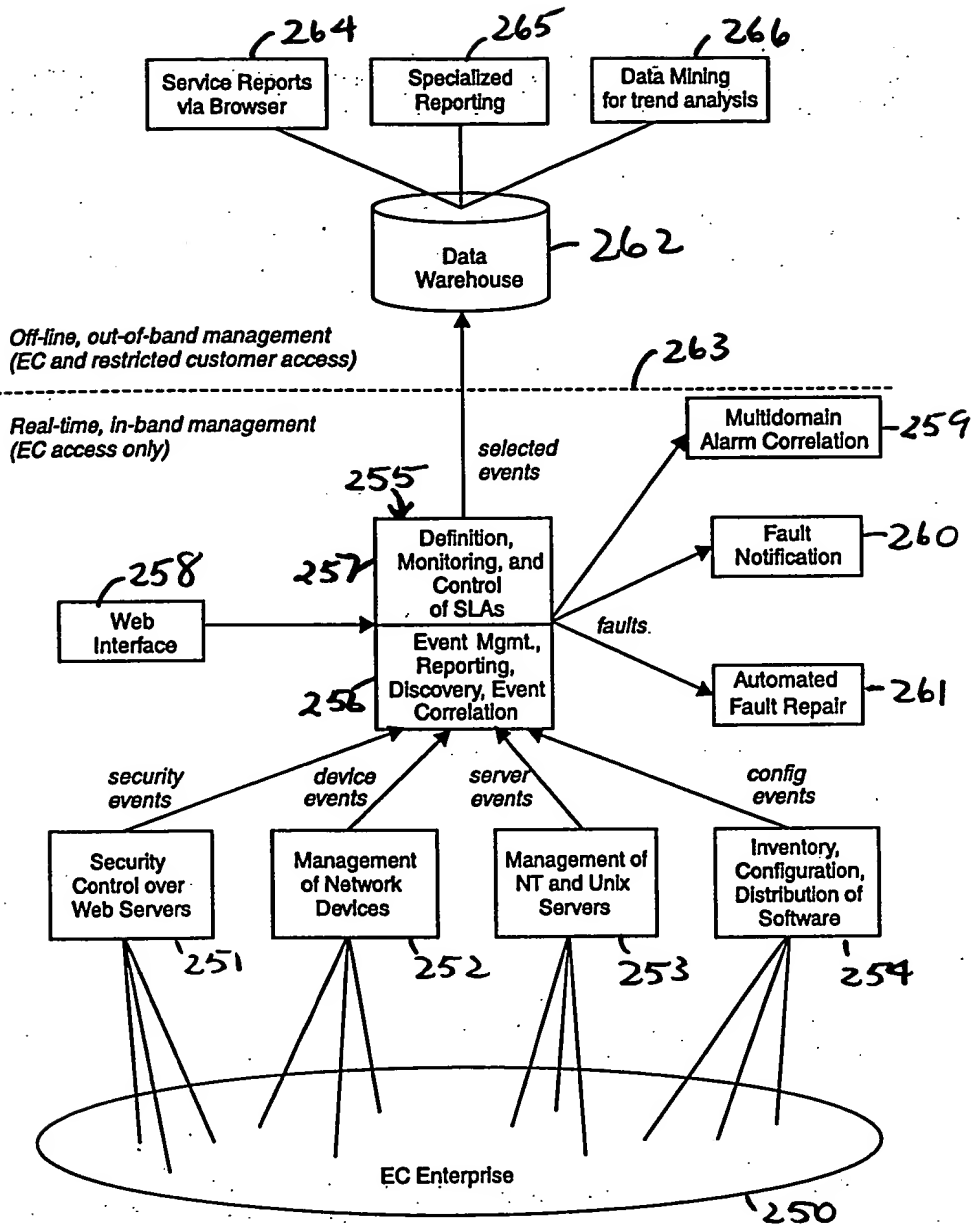


Fig. 33

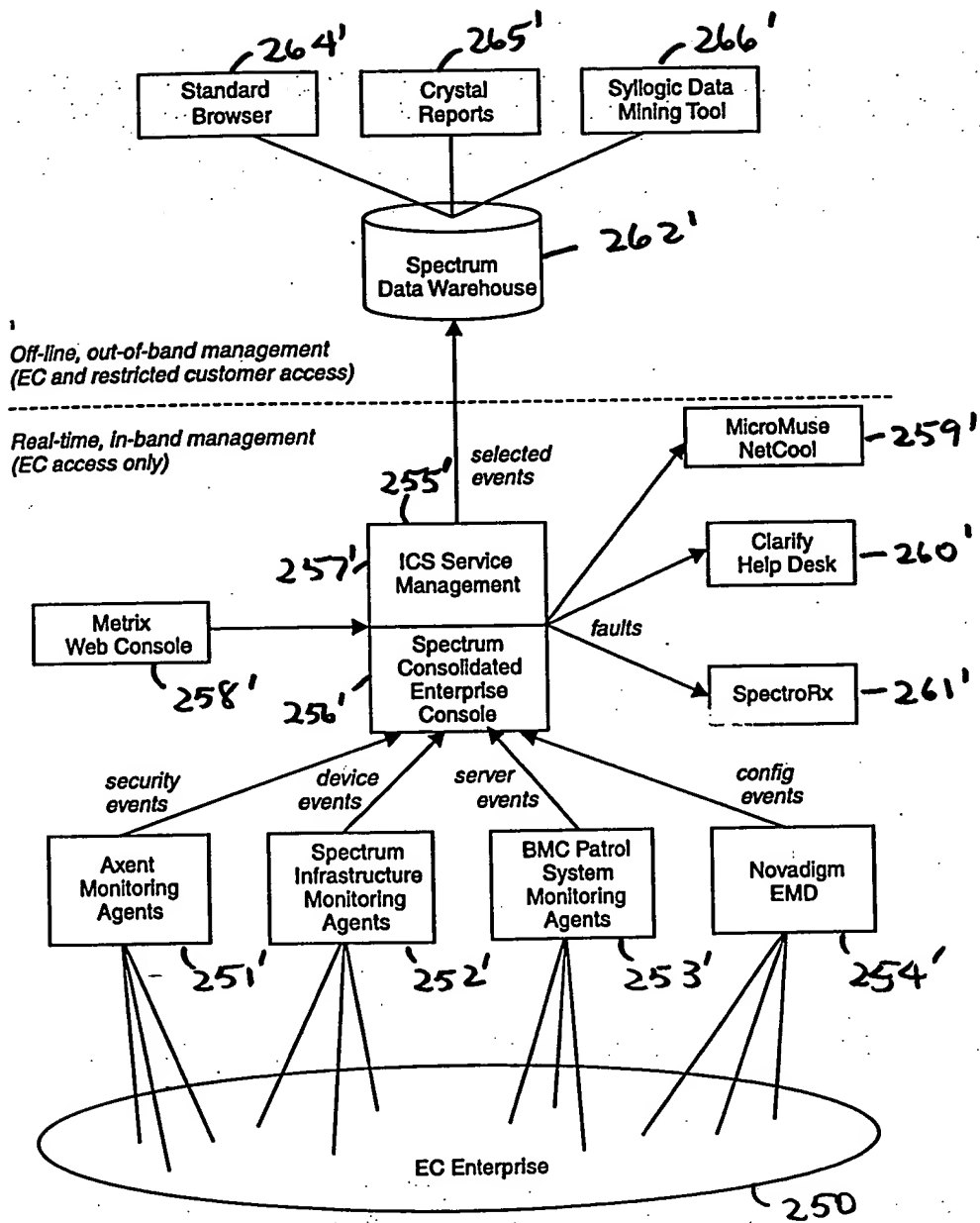


Fig. 34

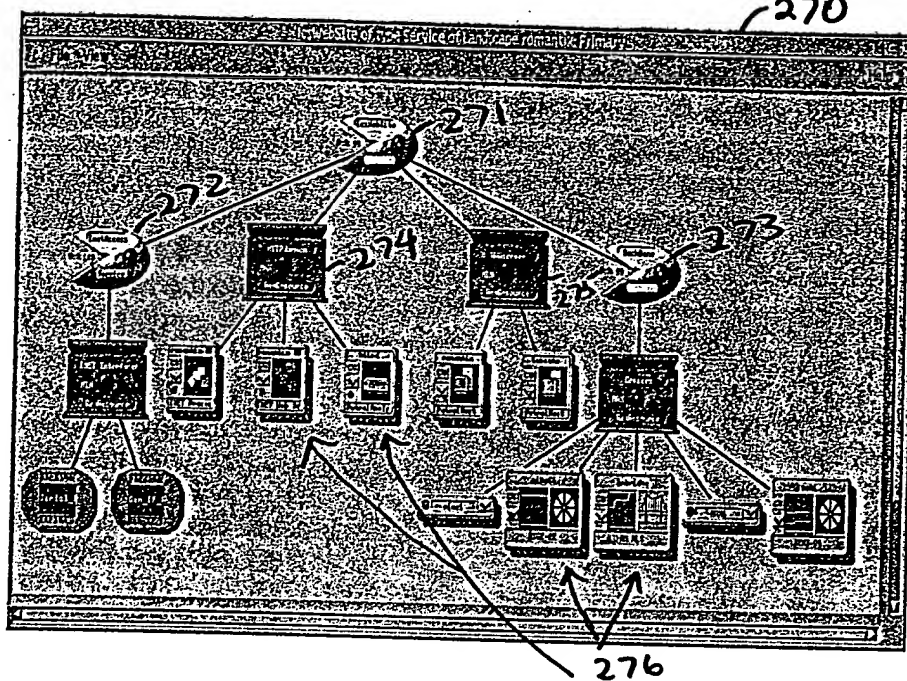


Fig. 35

Fig. 36

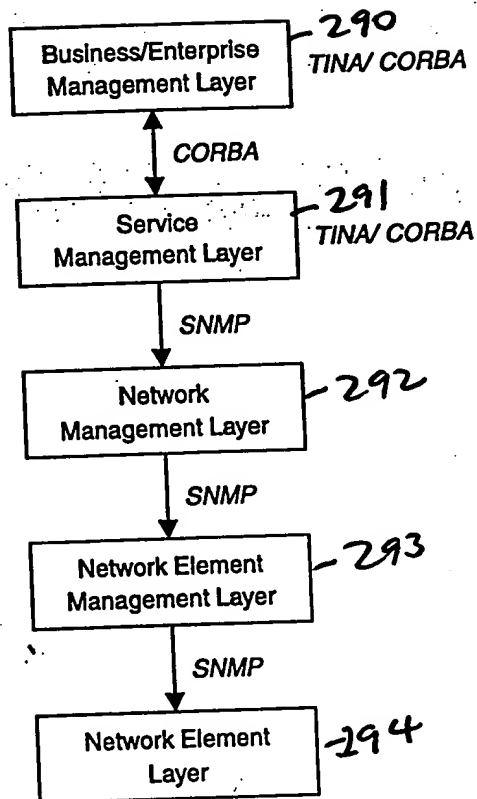


Fig. 37

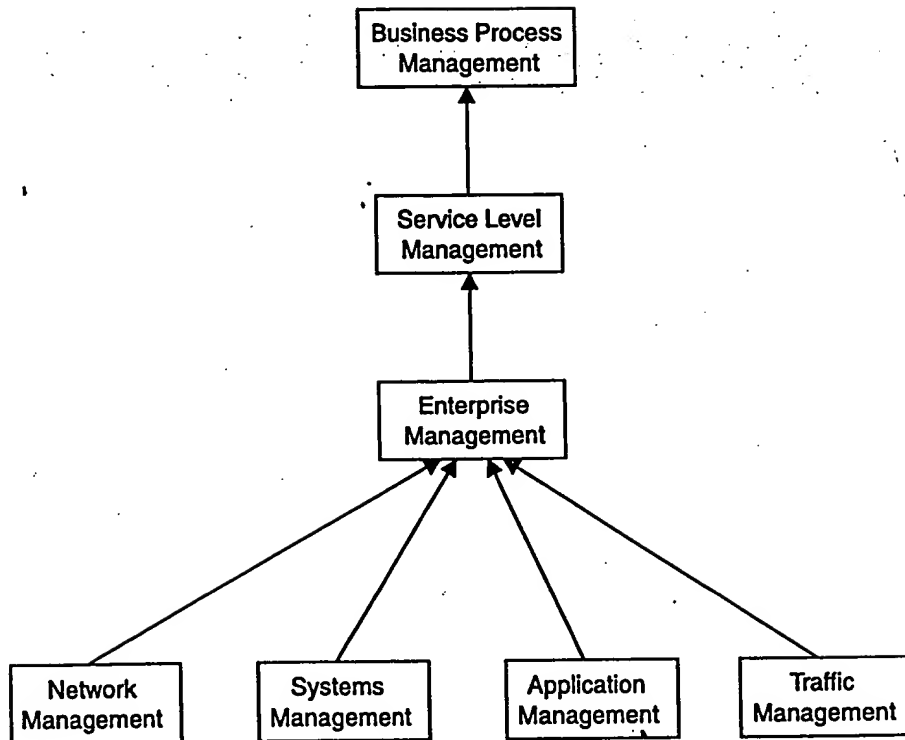


Fig. 38